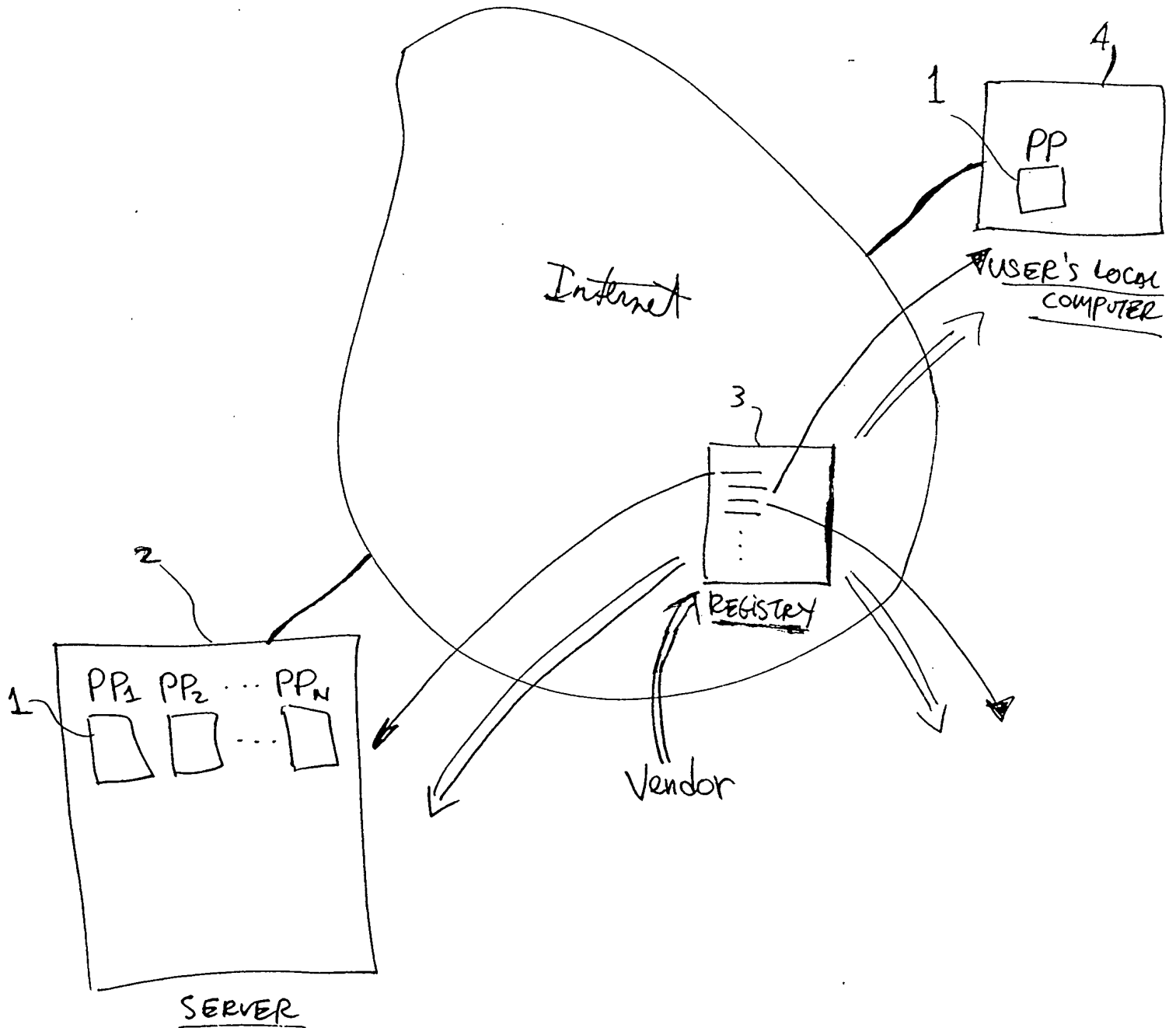


FIG. 1A



pp = personal page

→ indicates network address
⇒ indicates software access

PP = personal page
 VS = vendor site
 S = vendor S
 BR = Bidding Rule

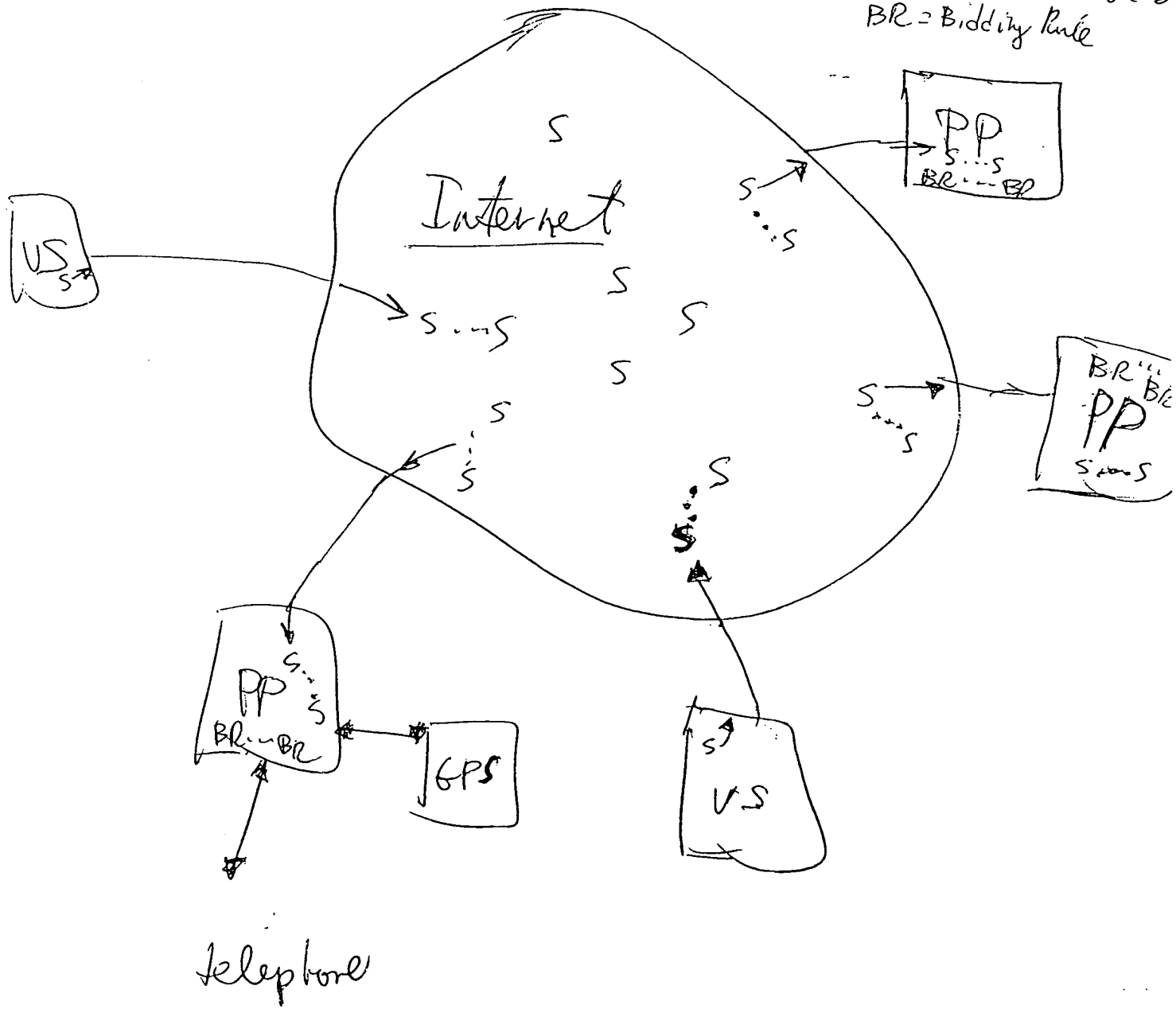


Fig 1B

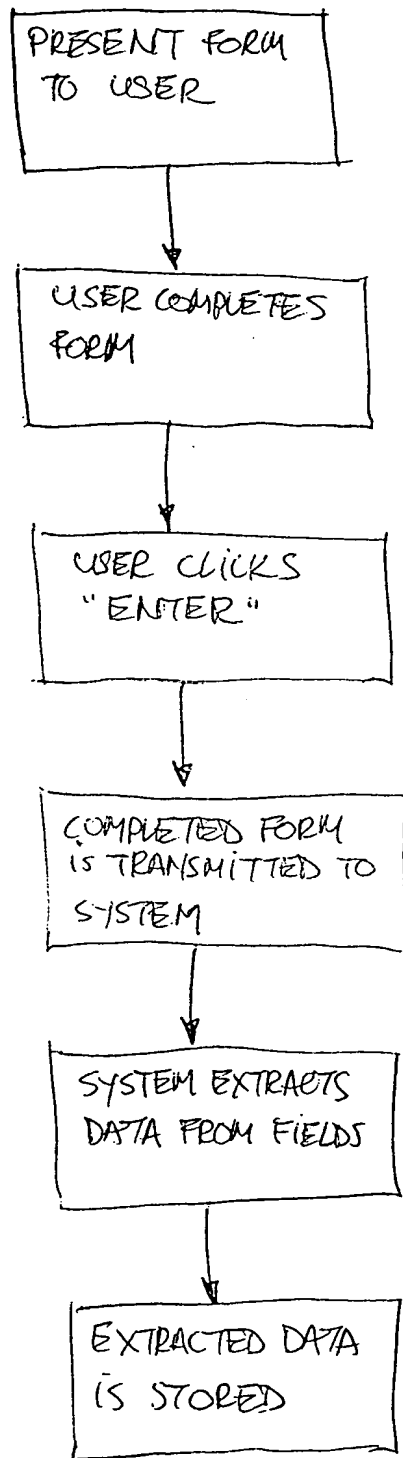


Fig 2

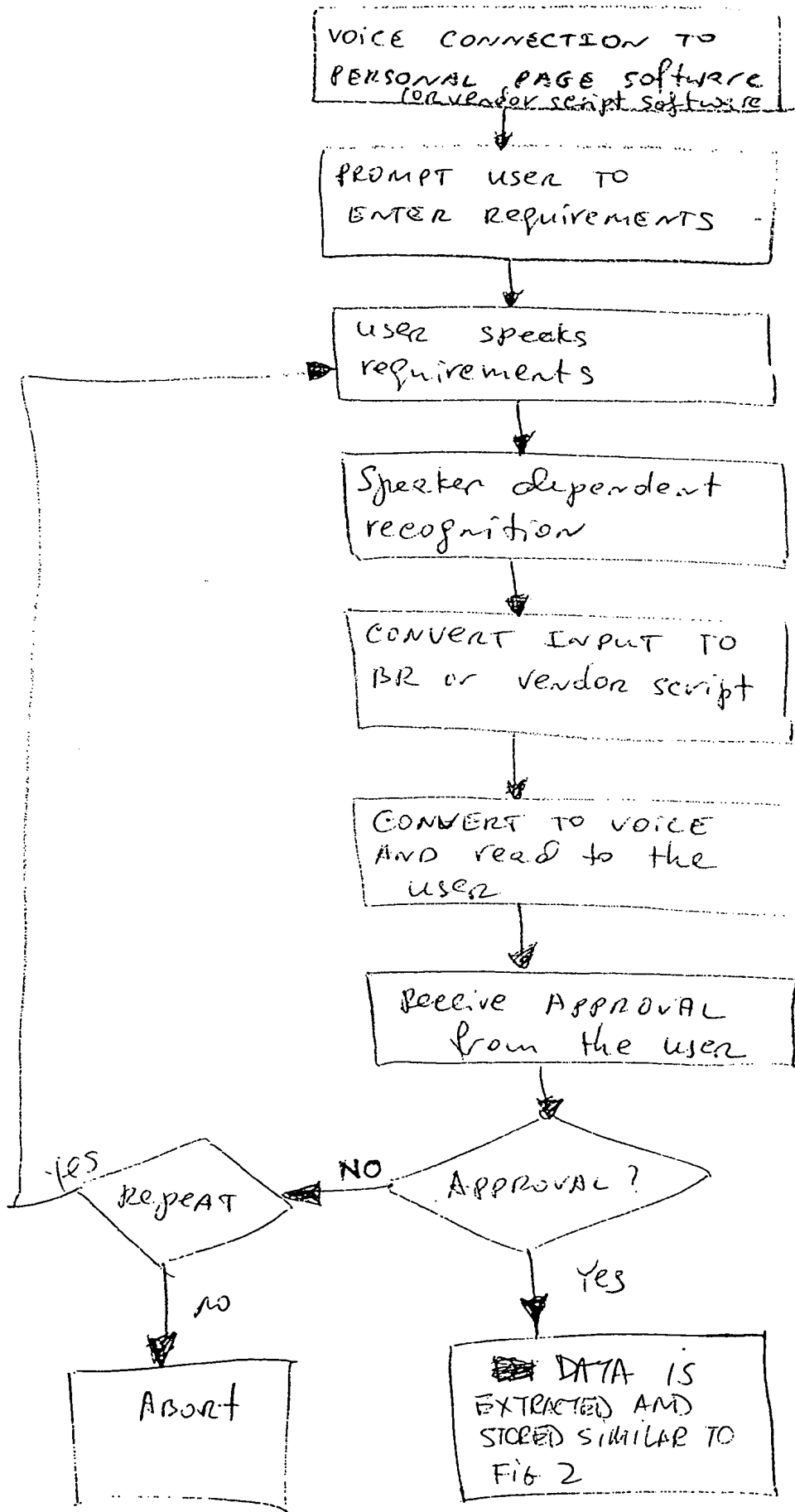


Fig 3

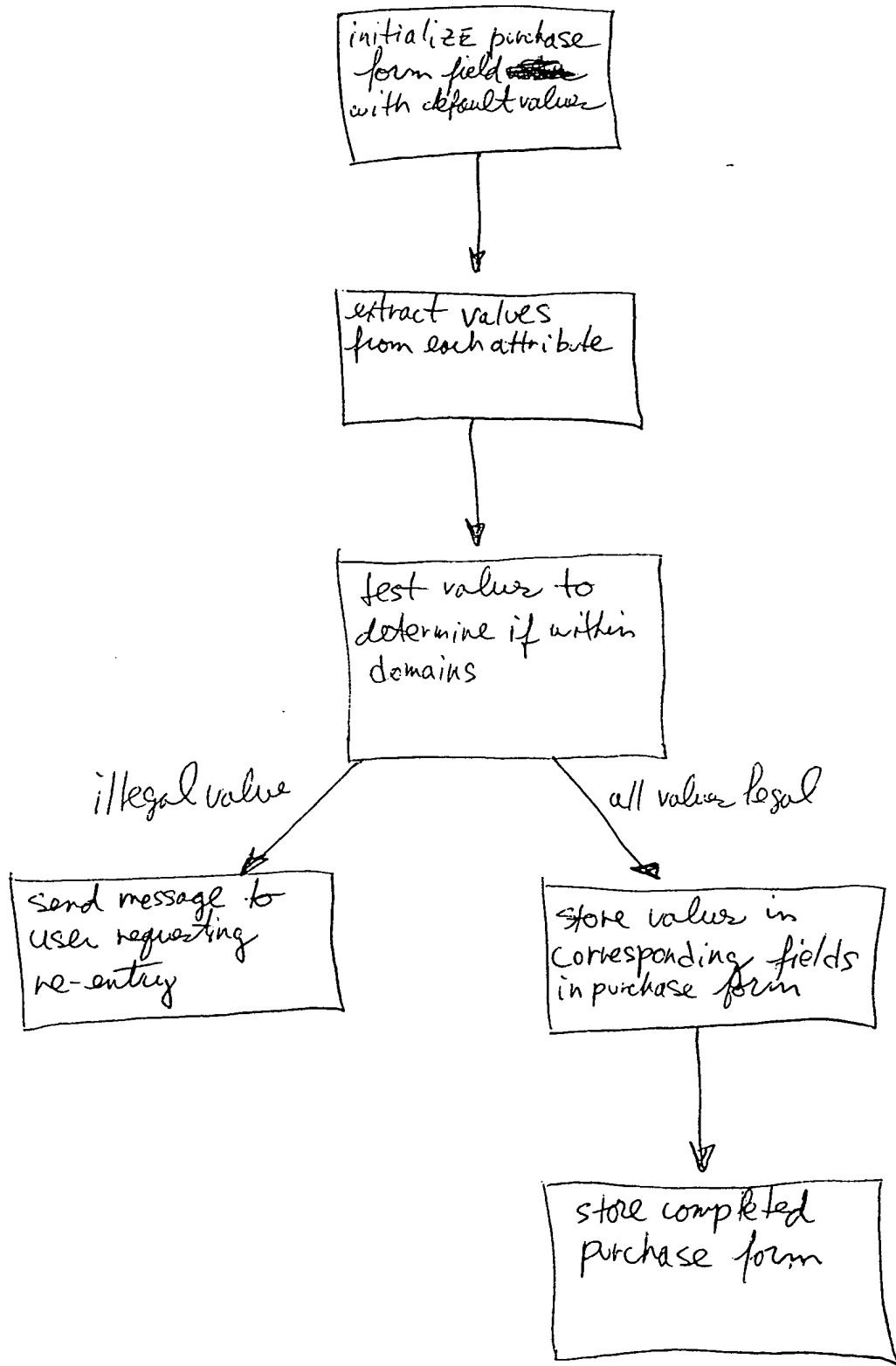
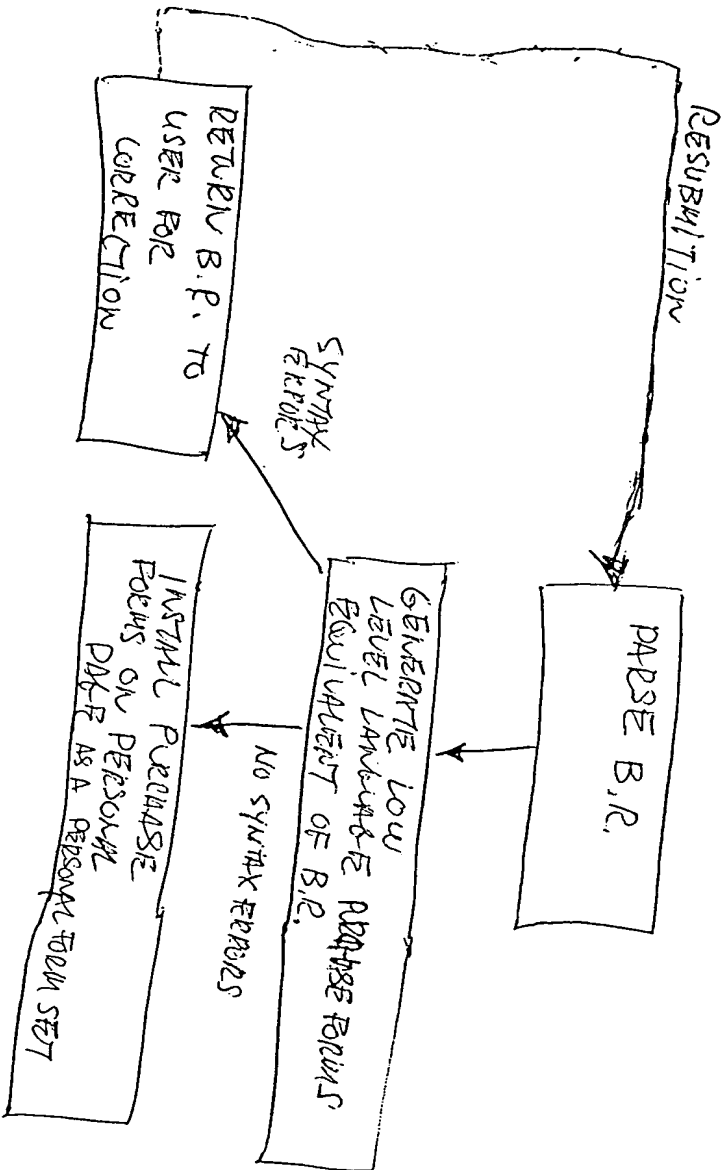


FIG 4

Fig 5



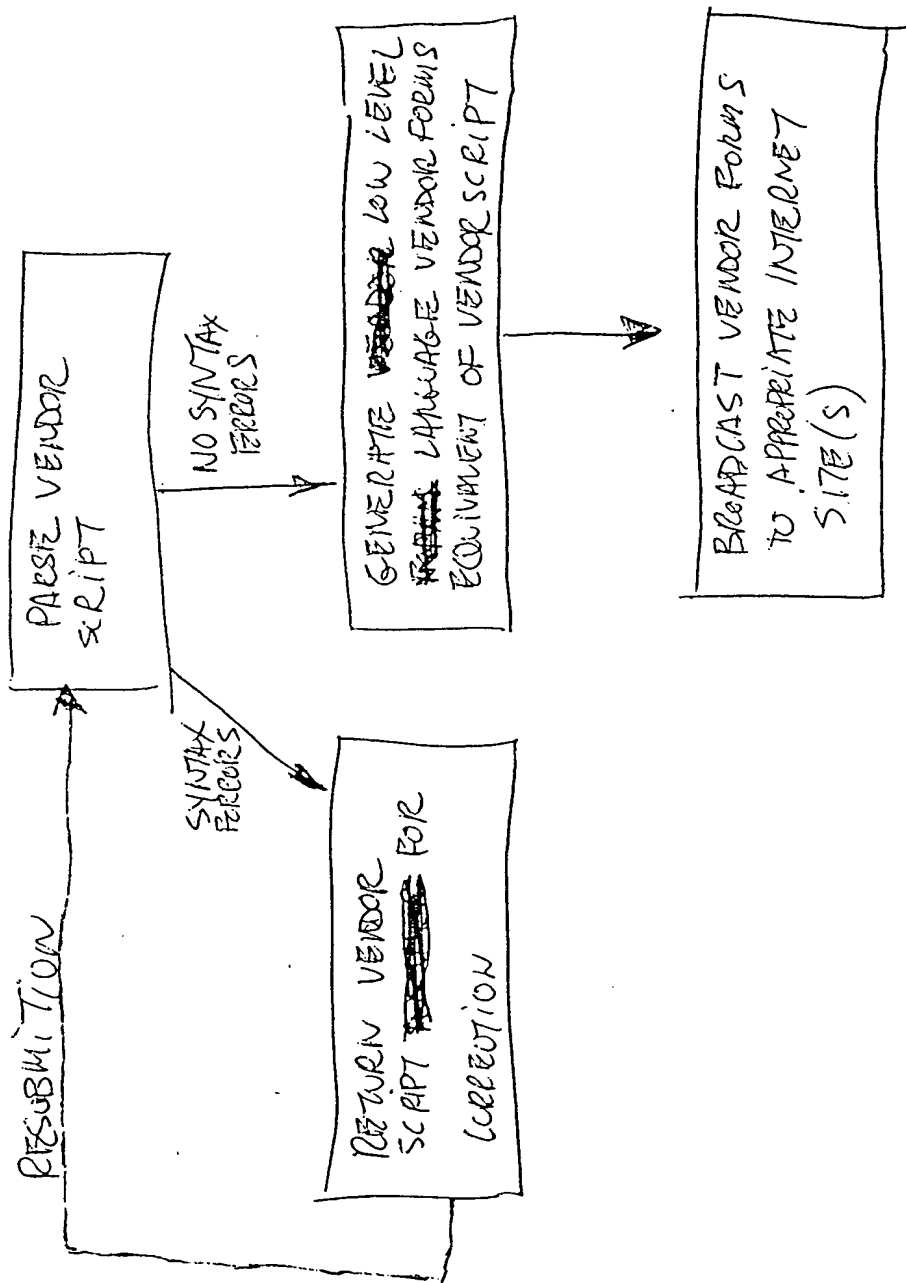


Fig 6

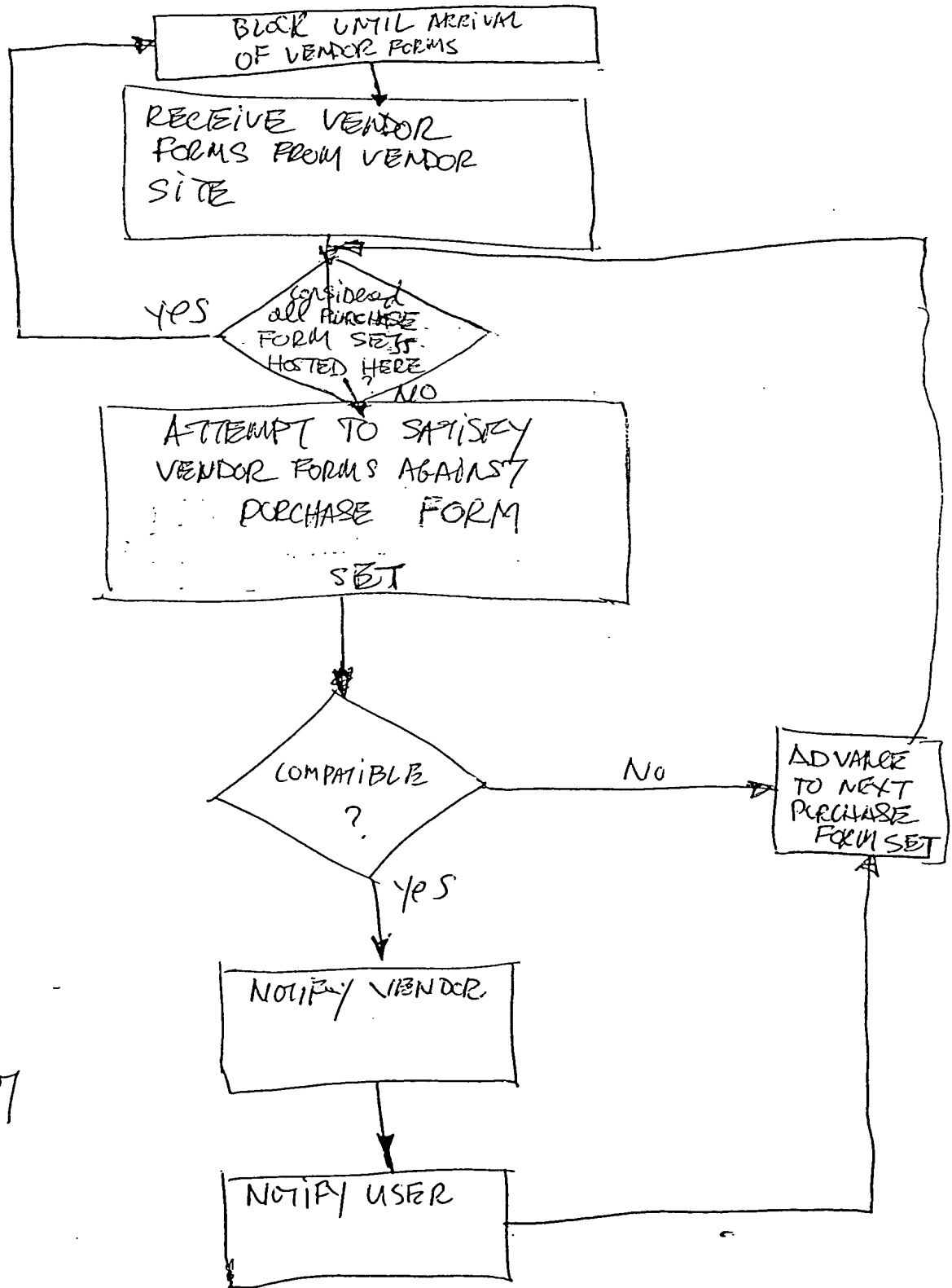


Fig 7

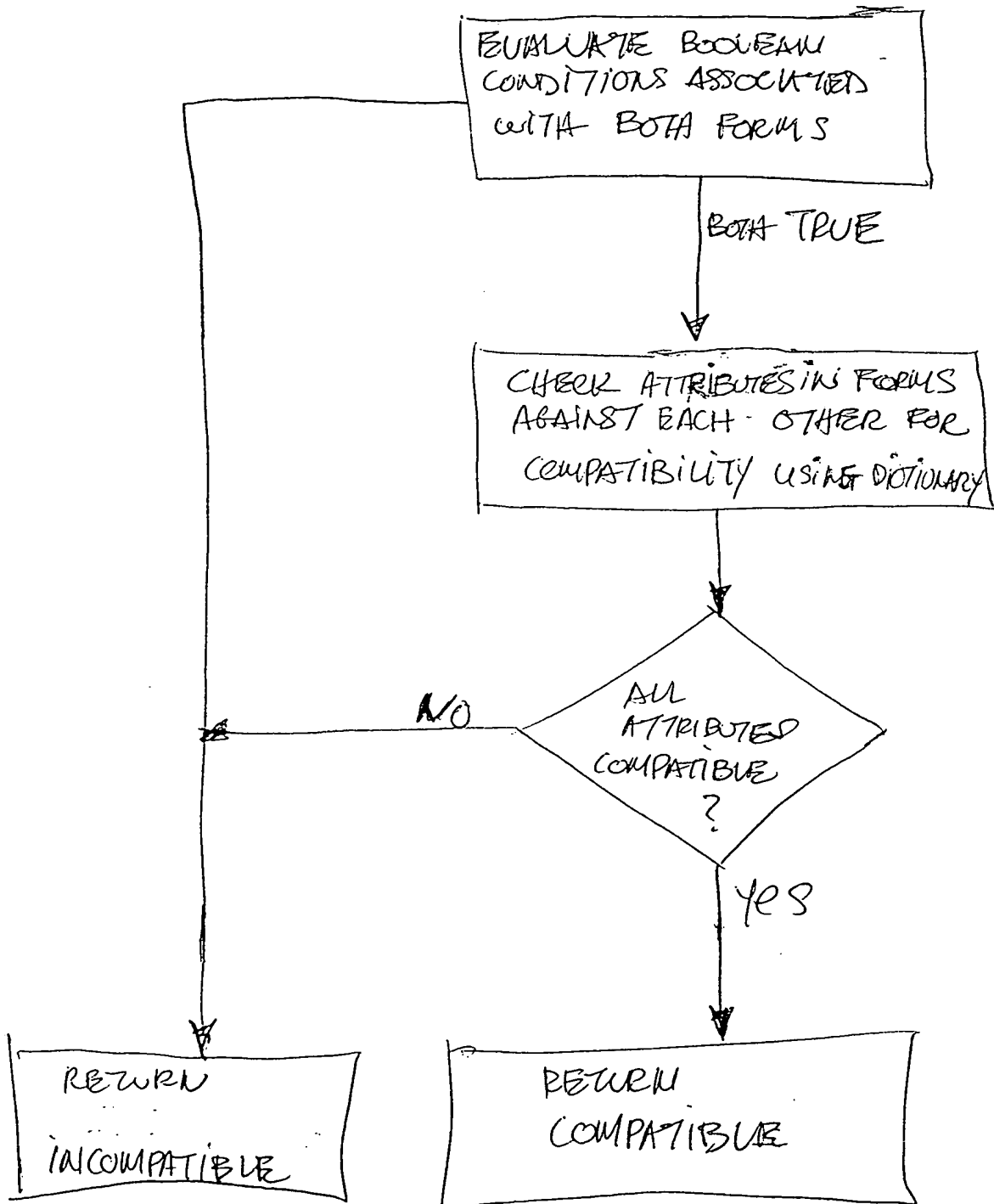


Fig 8

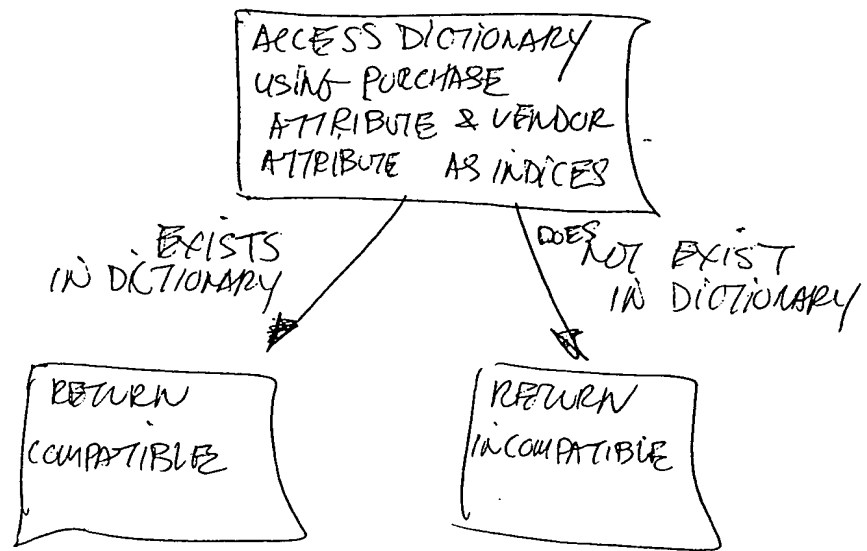


Fig 9

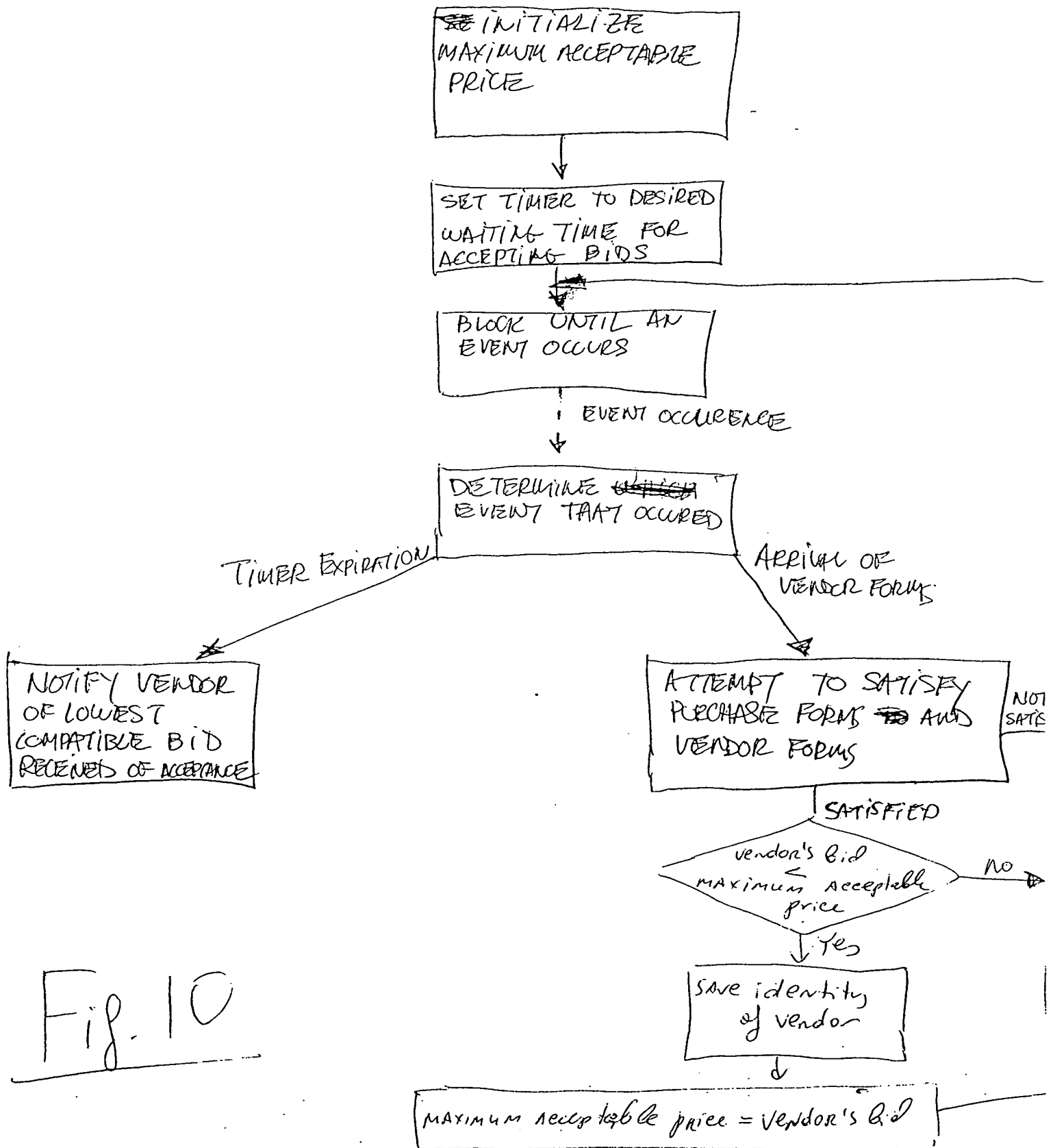


Fig. 10

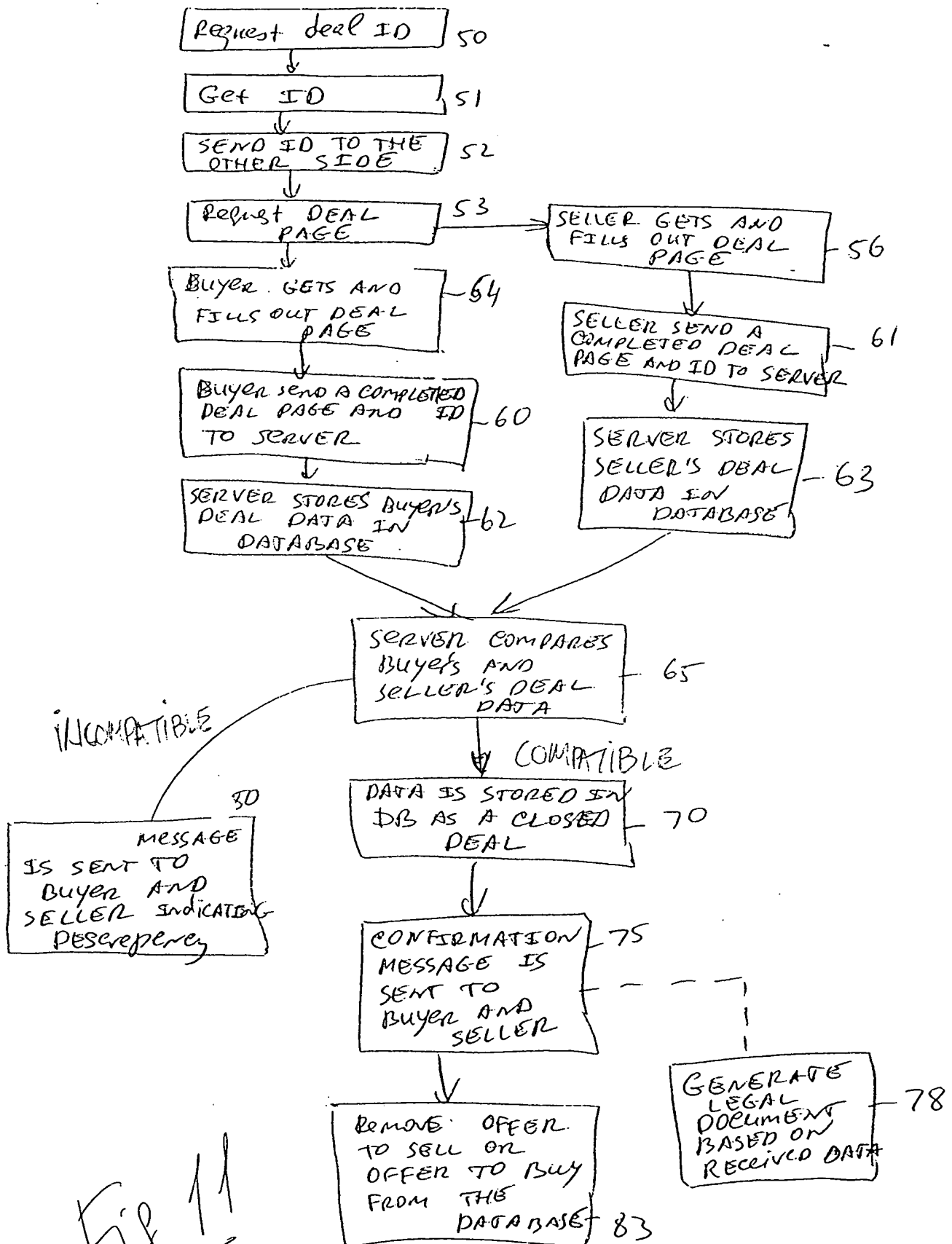


Fig 11

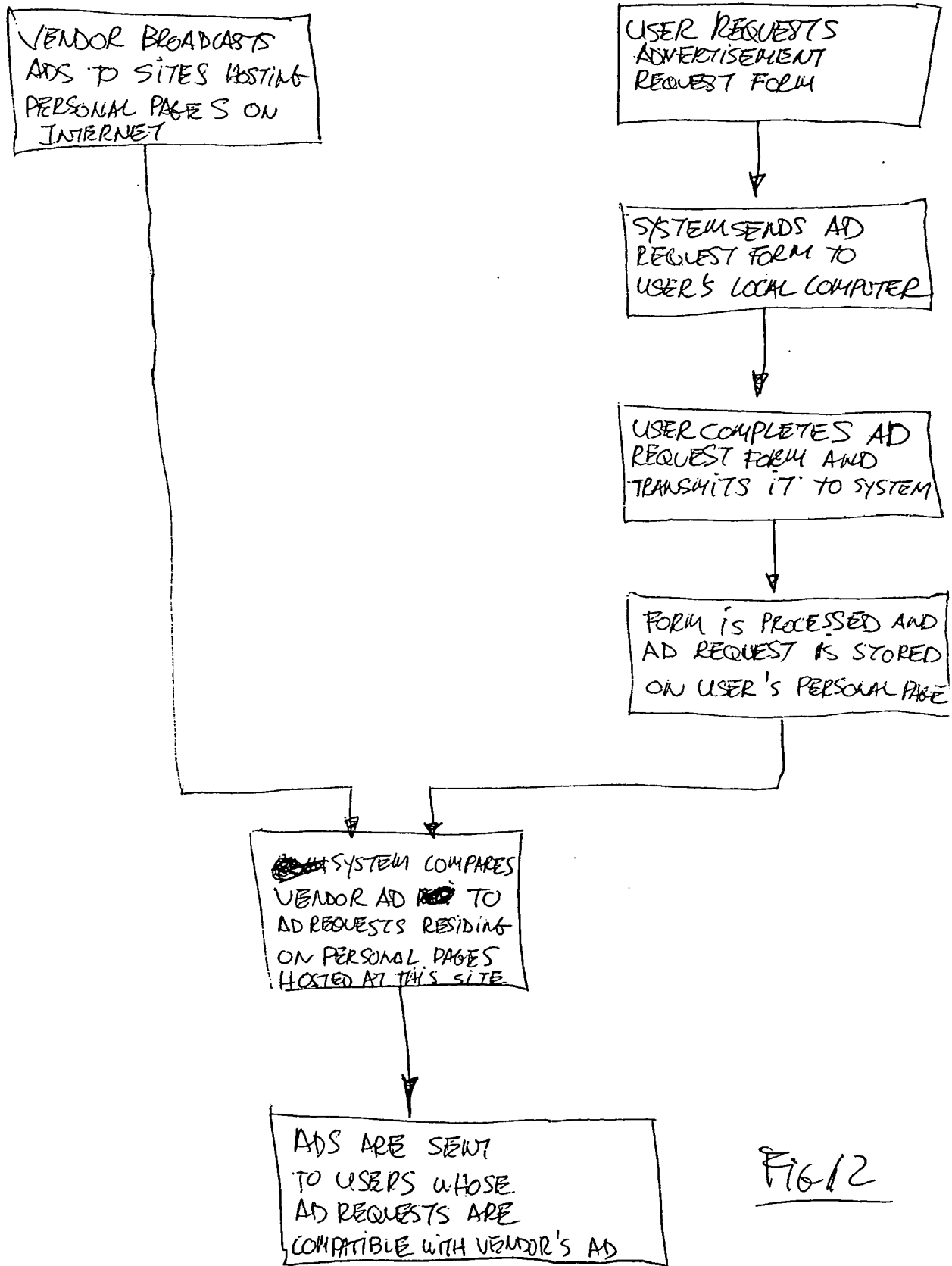


Fig 12

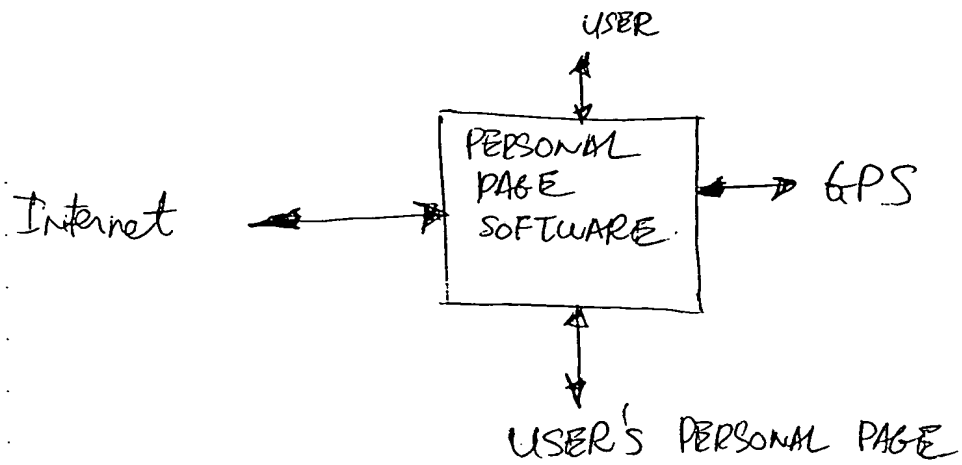


Fig. 13

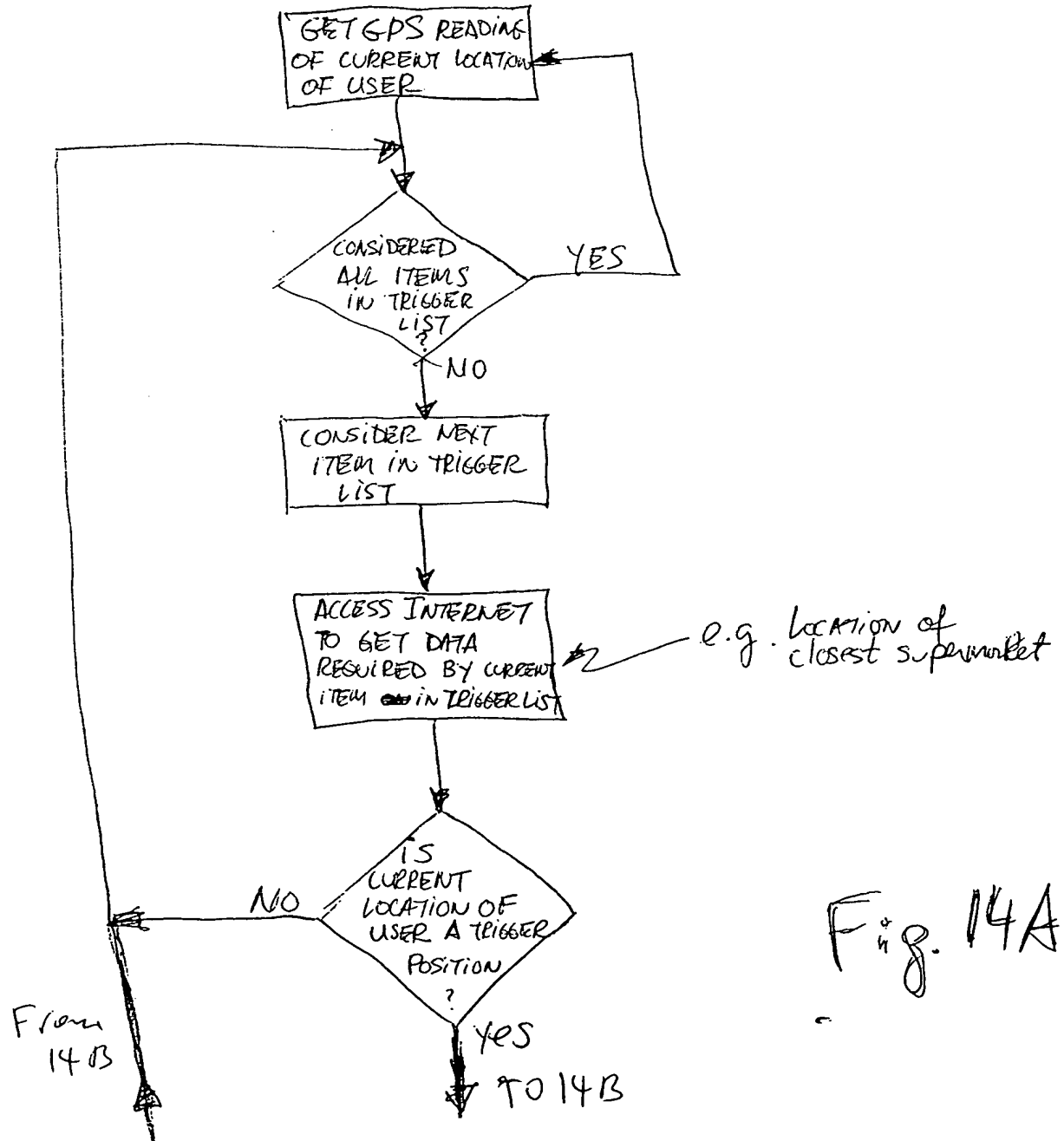


Fig. 14A

6) cont.

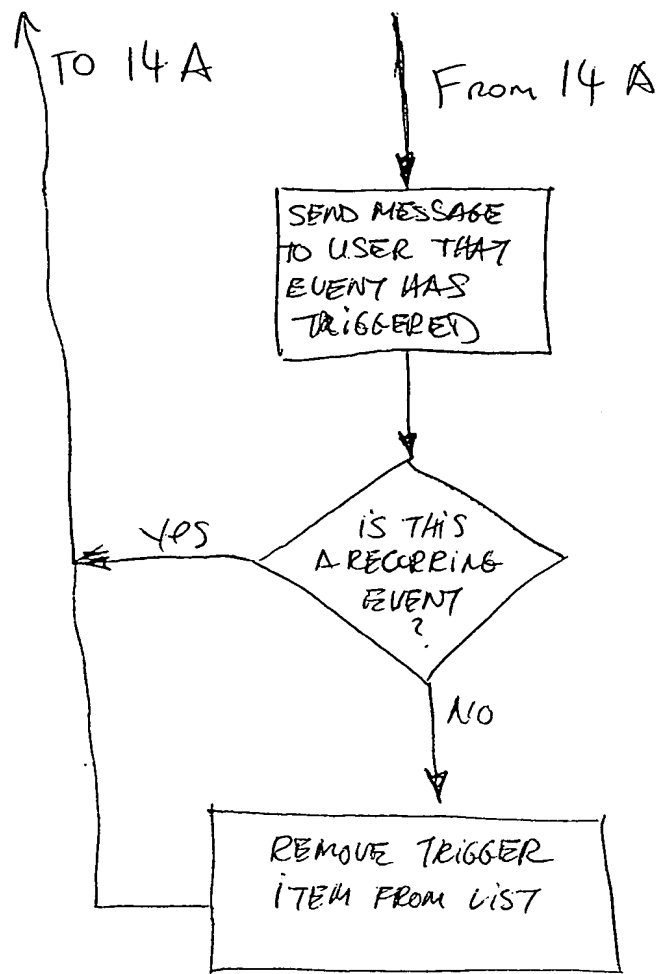


Fig 14 B

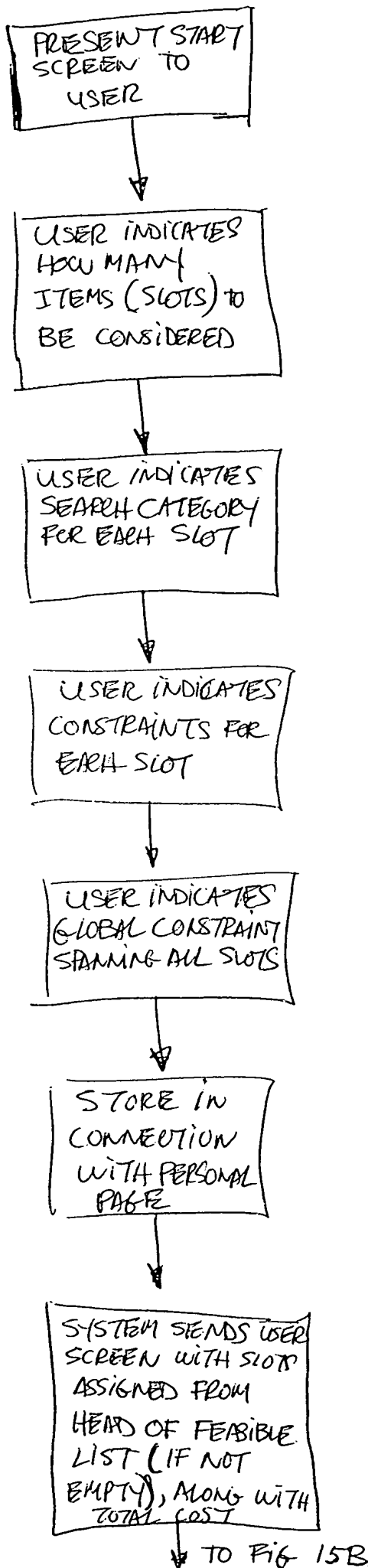


FIG 15A

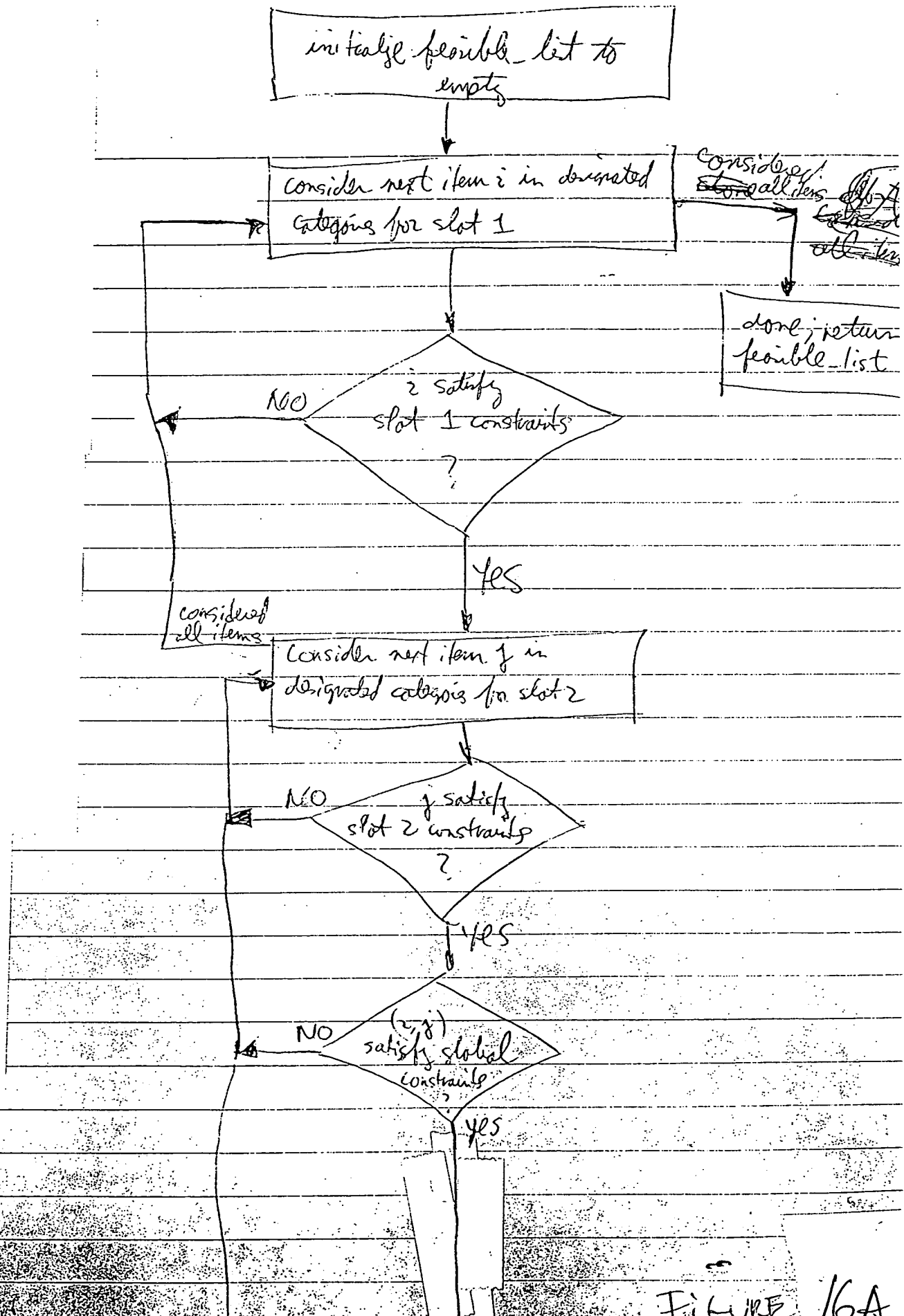
↓ FROM FIG. 15A

USER MAKES
SELECTION FROM
FEASIBLE LIST &
HITS "ENTER"
CAUSING PAGE TO BE
TRANSMITTED



ORDER CHOSEN
ITEMS

FIG. 15B



TO FIG. 16A

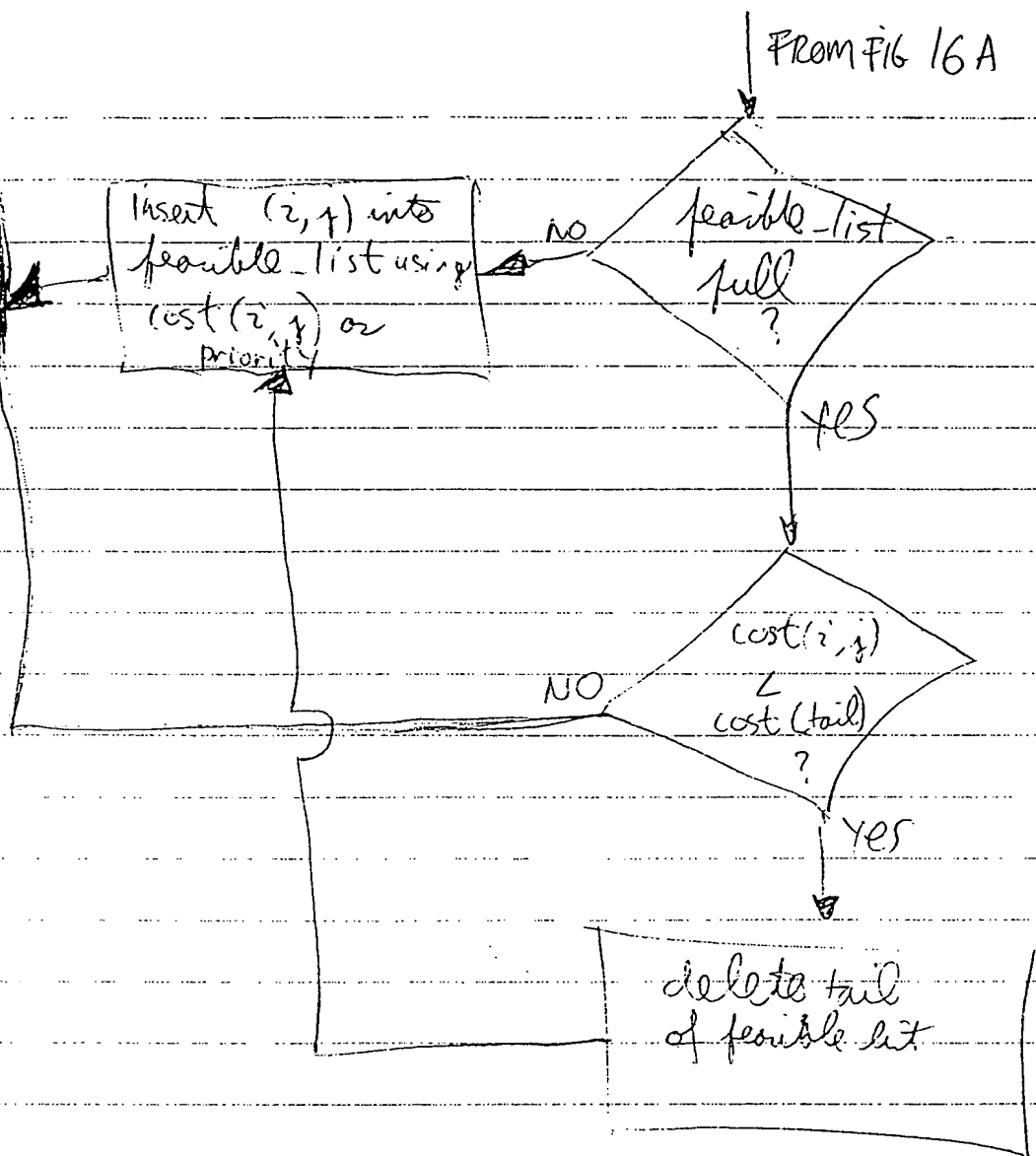


Figure 16B

feasible_list = empty; // priority queue; $\text{cost}(a,b)$ is priority

for (i ranging over items in its designated categories)

if (i satisfies slot 1 constraint)

for (j ranging over items in its designated categories)

if (j satisfies slot 2 constraint)

if ((i,j) satisfies global constraints)

if feasible_list not full

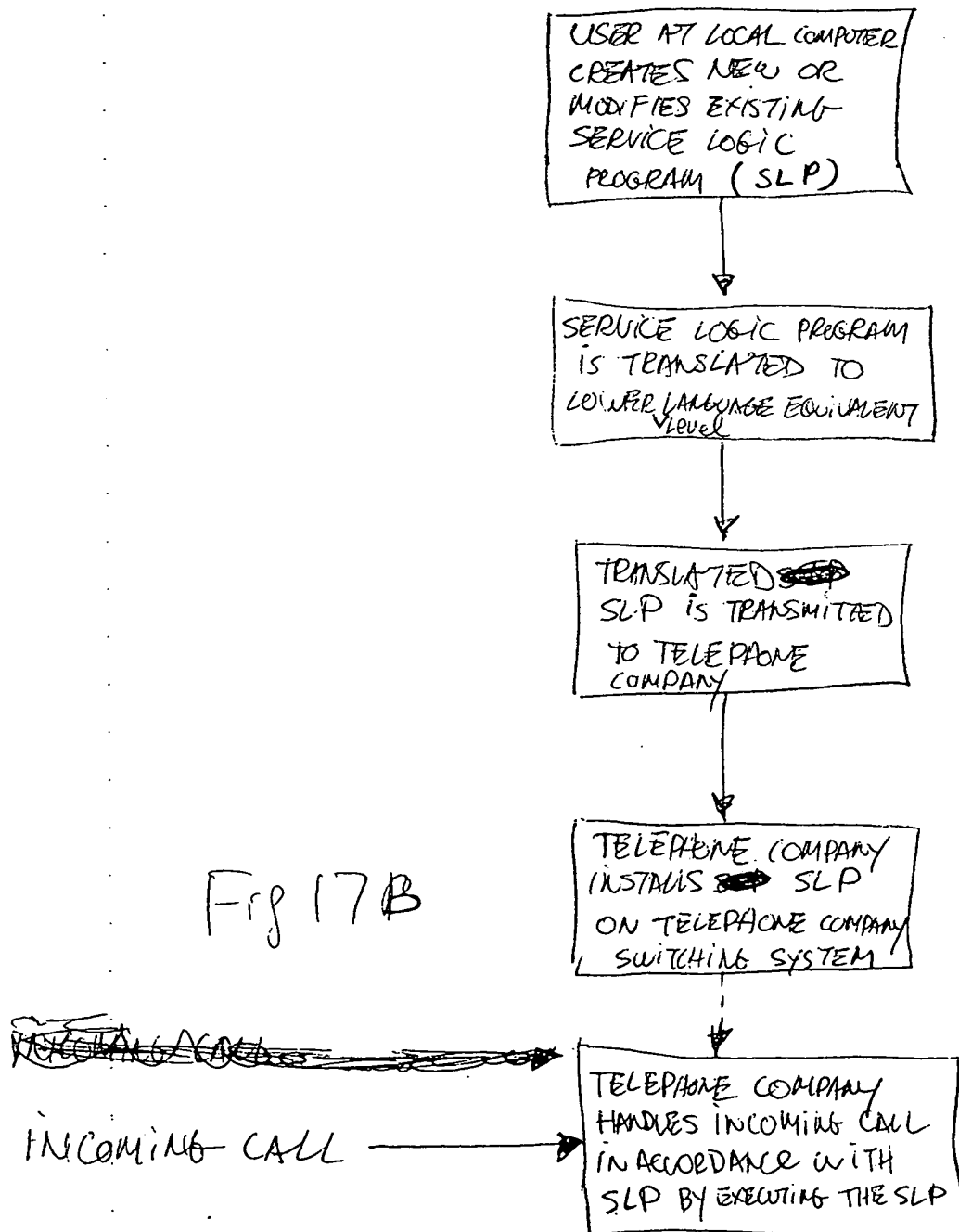
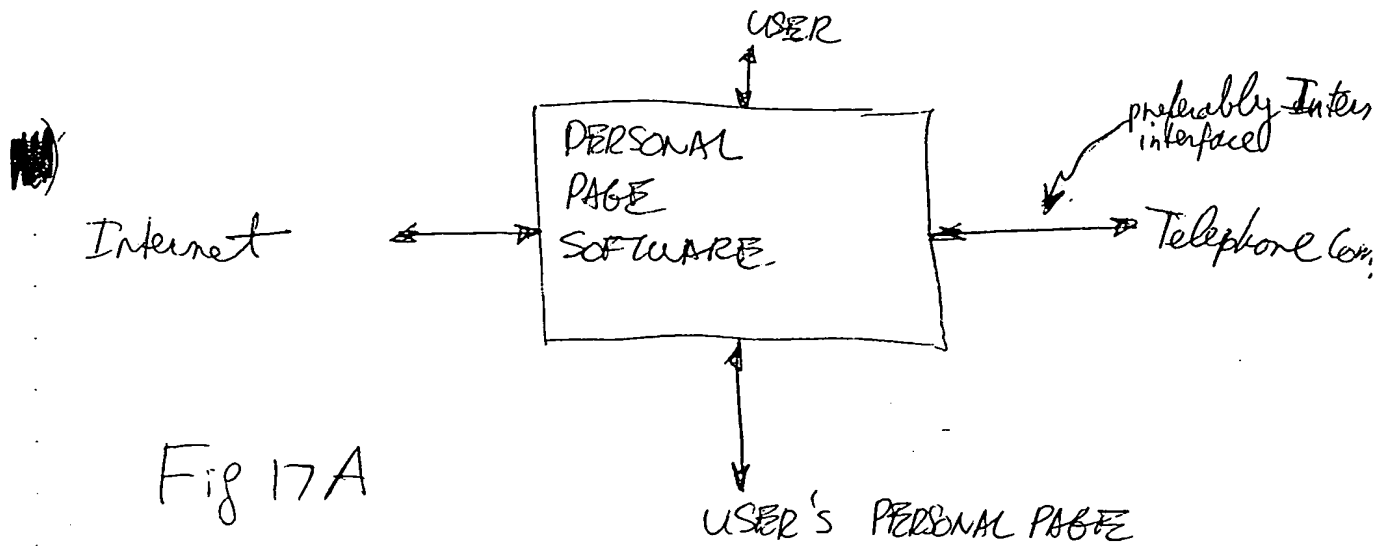
insert (i,j) into feasible_list; and ~~tail~~ $\text{cost}(i,j)$

else if ($\text{cost}(i,j) < \text{cost}(\text{tail})$)

{ delete tail from feasible_list;
insert (i,j) into feasible_list;
and ~~tail~~ $\text{cost}(i,j)$ }

return (feasible_list);

Fig 16C



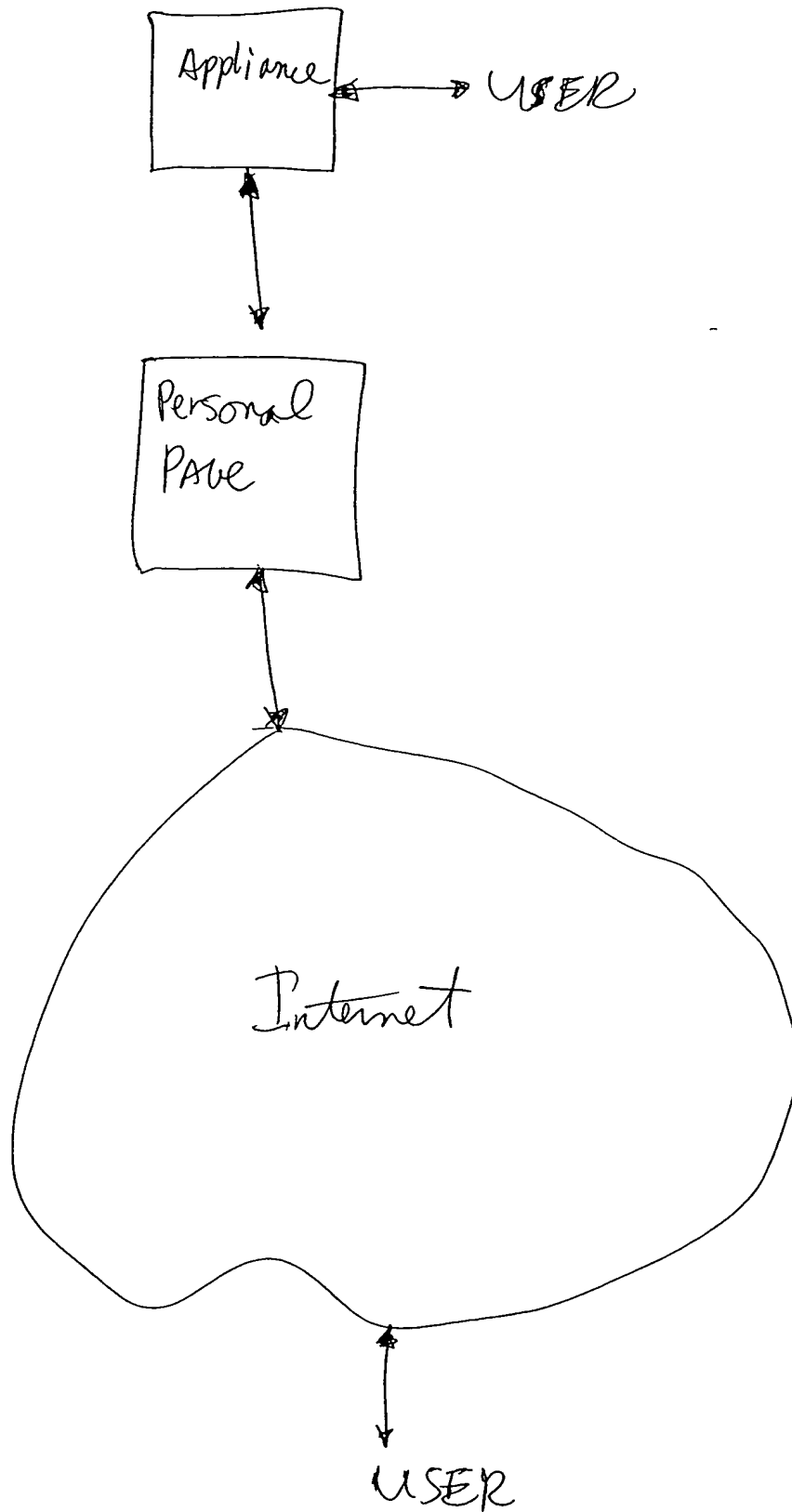


Fig. 18

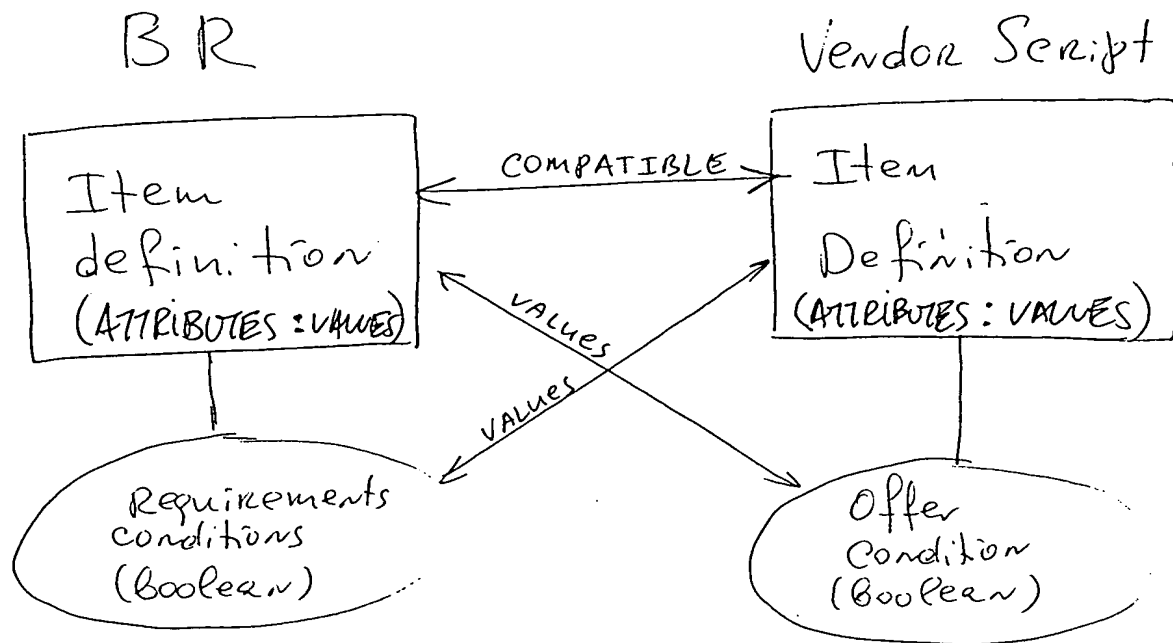


Fig.19

{ ACCEPT_BR || ACCEPT_VENDOR_SCRIPT || MATCH_MARKER || SERVICE_ACTIVATION_LIST
|| SERVICE_SCRIPT_LIST }

Fig. 20

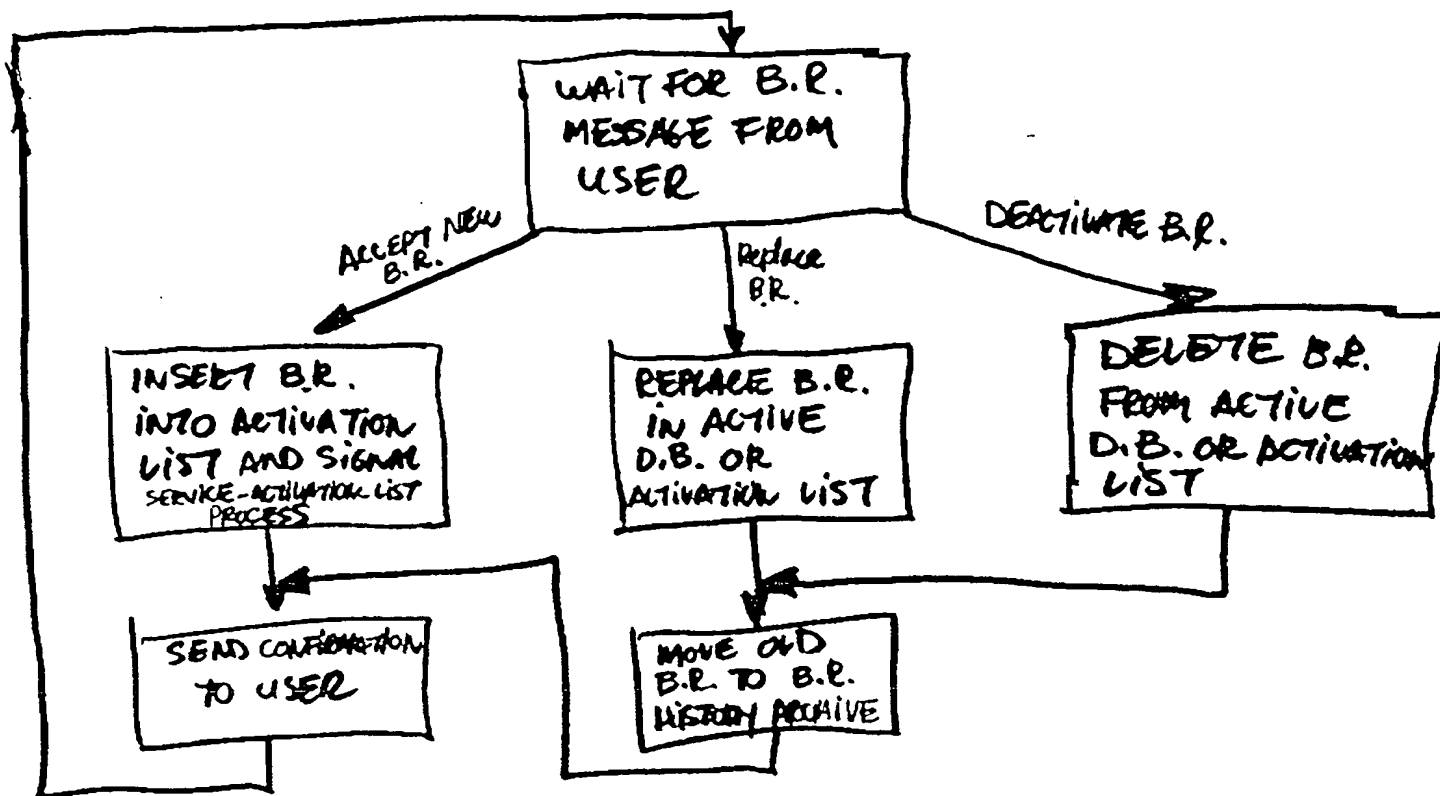


Fig. 21

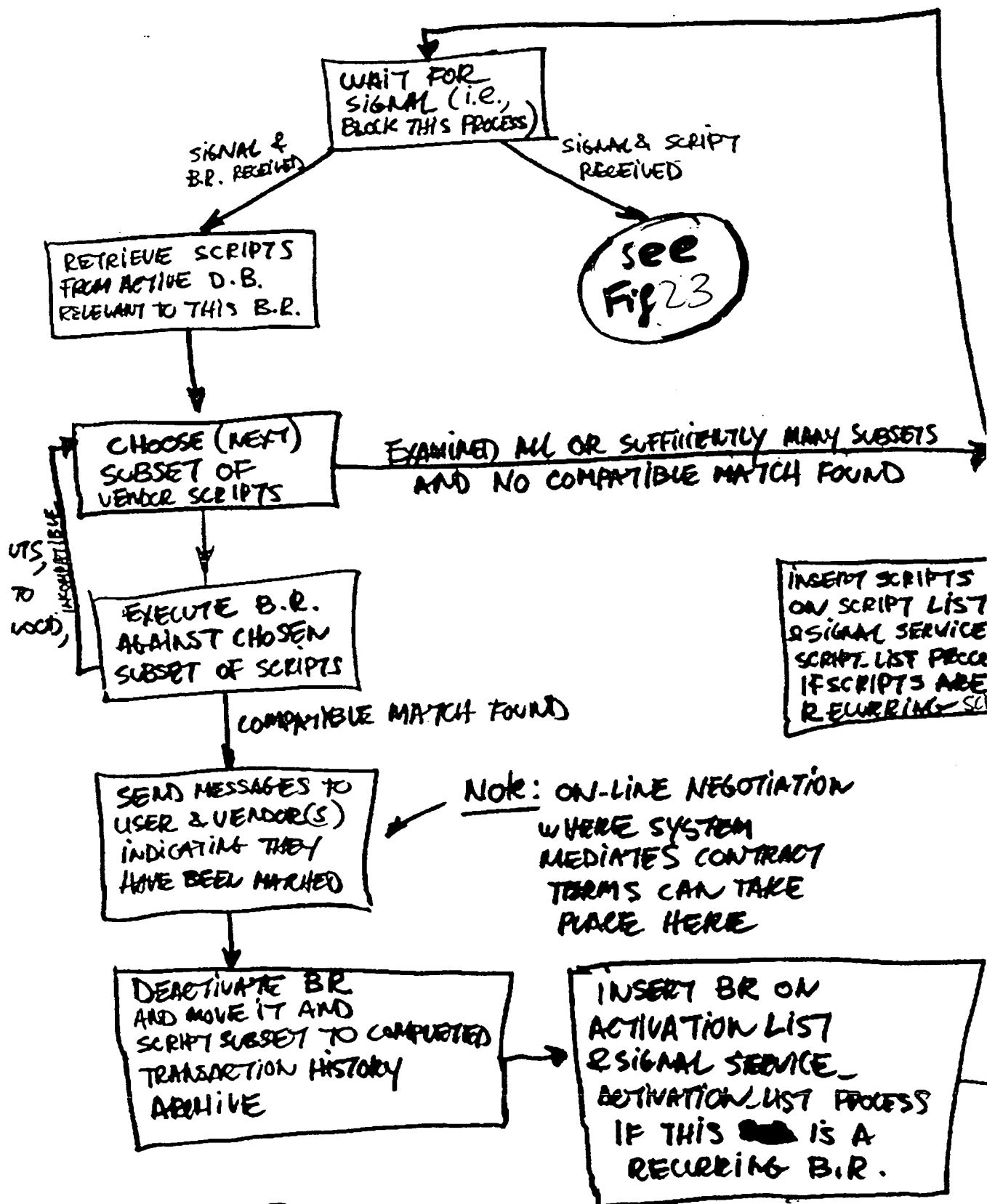


Fig. 22

RETRIEVE B.P.'S
FROM ACTIVE D.B.
THAT ARE RELEVANT
TO THIS SCRIPT



FOR EACH B.P. RETRIEVED,
INVOKES A NEW, TEMPORARY
MATCHMAKER PROCESS AS
SHOWN ON FIG 22, AND
SEND IT THIS B.P.

Fig 23

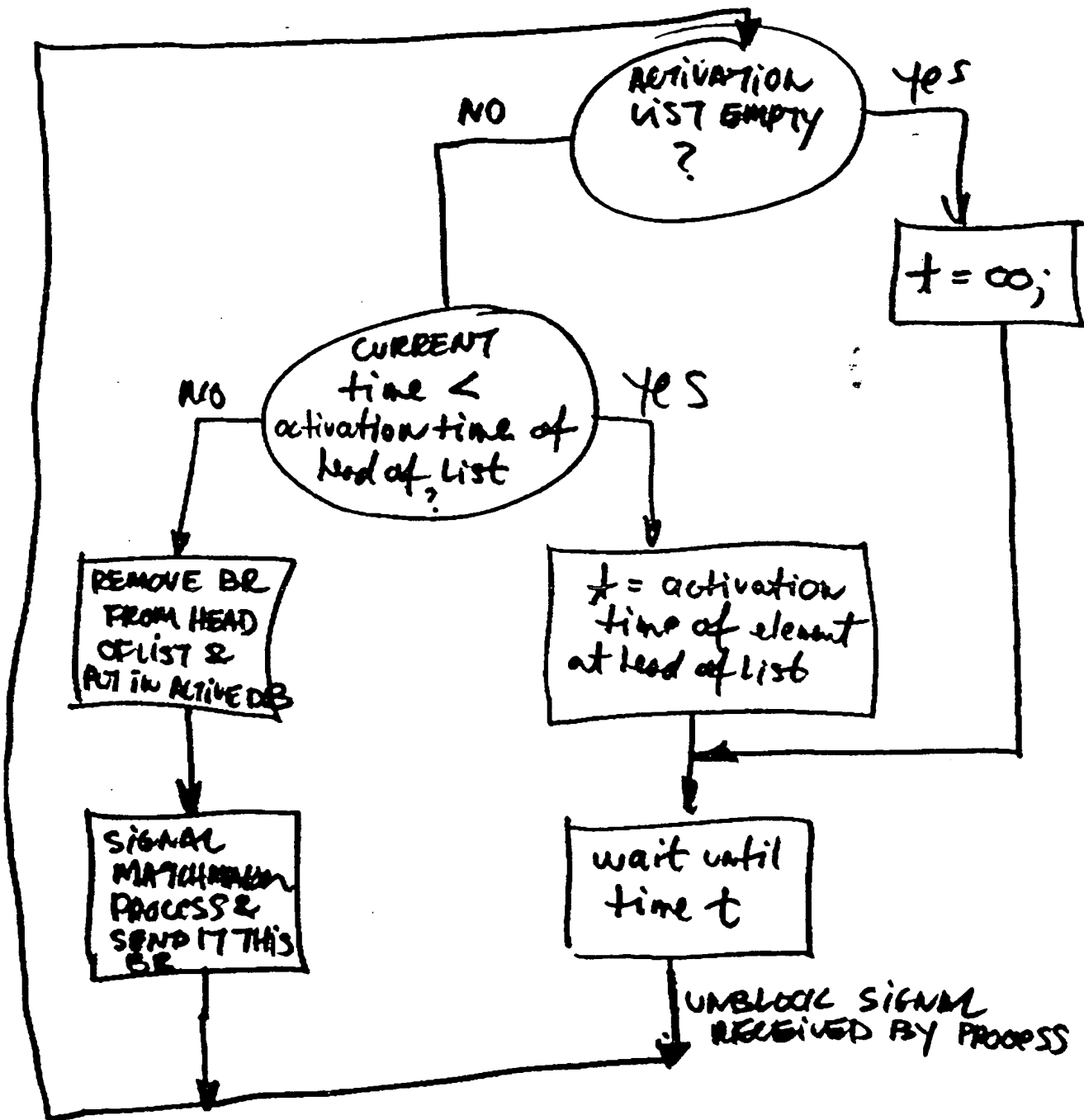


Fig 24